

WO 02/077183

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| 6763         | 42947         | ECO101872    | 18825     | 55009         | CPN300253    | 30886     | 67070         | PMU100714    |                |               |              |
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| 6769         | 42953         | ECO102158    | 18831     | 55015         | CTR100183    | 30892     | 67076         | PMU100726    |                |               |              |
| 6770         | 42954         | ECO103886    | 18832     | 55016         | CTR100201    | 30893     | 67077         | PMU100729    |                |               |              |
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| 6772         | 42956         | ECO103467    | 18834     | 55018         | CTR100382    | 30895     | 67079         | PMU100731    |                |               |              |
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| 6777         | 42961         | ECO103697    | 18839     | 55023         | CTR100599    | 30900     | 67084         | PMU100749    |                |               |              |
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| 6791         | 42975         | ECO104149    | 18853     | 55037         | CTR200012    | 30914     | 67098         | PMU100795    |                |               |              |
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| 6794         | 42978         | ECO101203    | 18856     | 55040         | CTR200019    | 30917     | 67101         | PMU100804    |                |               |              |
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| 6797         | 42981         | ECO100170    | 18859     | 55043         | CTR200033    | 30920     | 67104         | PMU100817    |                |               |              |
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| 6801         | 42985         | ECO103287    | 18863     | 55047         | CTR200047    | 30924     | 67108         | PMU100834    |                |               |              |
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| 6808         | 42992         | ECO101185    | 18870     | 55054         | CTR200061    | 30931     | 67115         | PMU100864    |                |               |              |
| 6809         | 42993         | ECO101186    | 18871     | 55055         | CTR200062    | 30932     | 67116         | PMU100865    |                |               |              |
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| WO 02/077183 |               |              |           |               |              |           |               |              | PCT/US02/09107 |               |              |
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| 6820         | 43004         | ECO102294    | 18882     | 55066         | CTR200096    | 30943     | 67127         | PMU100894    |                |               |              |
| 6821         | 43005         | ECO102295    | 18883     | 55067         | CTR200100    | 30944     | 67128         | PMU100897    |                |               |              |
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| 6823         | 43007         | ECO103331    | 18885     | 55069         | CTR200103    | 30946     | 67130         | PMU100903    |                |               |              |
| 6824         | 43008         | ECO103725    | 18886     | 55070         | CTR200104    | 30947     | 67131         | PMU100904    |                |               |              |
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| 6826         | 43010         | ECO100757    | 18888     | 55072         | CTR200112    | 30949     | 67133         | PMU100917    |                |               |              |
| 6827         | 43011         | ECO101139    | 18889     | 55073         | CTR200114    | 30950     | 67134         | PMU100920    |                |               |              |
| 6828         | 43012         | ECO104048    | 18890     | 55074         | CTR200116    | 30951     | 67135         | PMU100924    |                |               |              |
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| 6845         | 43029         | ECO100194    | 18907     | 55091         | CTR200164    | 30968     | 67152         | PMU101002    |                |               |              |
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| 6848         | 43032         | ECO101298    | 18910     | 55094         | CTR200170    | 30971     | 67155         | PMU101010    |                |               |              |
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| 6892      | 43076         | ECO100844    | 18954     | 55138         | CTR200307    | 31015     | 67199         | PMU101160    |
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| 6903      | 43087         | ECO103097    | 18965     | 55149         | CTR200342    | 31026     | 67210         | PMU101178    |
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| 6906      | 43090         | ECO100875    | 18968     | 55152         | CTR200361    | 31029     | 67213         | PMU101183    |
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| 6917      | 43101         | ECO102655    | 18979     | 55163         | CTR200393    | 31040     | 67224         | PMU101234    |
| 6918      | 43102         | ECO103186    | 18980     | 55164         | CTR200394    | 31041     | 67225         | PMU101235    |
| 6919      | 43103         | ECO103510    | 18981     | 55165         | CTR200395    | 31042     | 67226         | PMU101236    |
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| 6922      | 43106         | ECO101830    | 18984     | 55168         | CTR200408    | 31045     | 67229         | PMU101240    |
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| 6993         | 43177         | ECO104213    | 19055     | 55239         | CTR200639    | 31116     | 67300         | PMU101448    |                |               |              |
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| 10200        | 46384         | BAN108774    | 22262     | 58446         | HIN101184    | 34323     | 70507         | SEP200184    |                |               |              |
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| 11440        | 47624         | BCE105408    | 23502     | 59686         | KPN302255    | 35563     | 71747         | SHA101604    |                |               |              |
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| 12451        | 48635         | BFR104644    | 24513          | 60697         | LMO101514    | 36574     | 72758         | SPA100713    |
| 12452        | 48636         | BFR10466     | 24514          | 60698         | LMO101517    | 36575     | 72759         | SPA100716    |
| 12453        | 48637         | BFR104660    | 24515          | 60699         | LMO101523    | 36576     | 72760         | SPA100719    |
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| 12459        | 48643         | BFR104729    | 24521          | 60705         | LMO101547    | 36582     | 72766         | SPA100737    |
| 12460        | 48644         | BFR104751    | 24522          | 60706         | LMO101551    | 36583     | 72767         | SPA100739    |
| 12461        | 48645         | BFR104769    | 24523          | 60707         | LMO101556    | 36584     | 72768         | SPA100744    |
| 12462        | 48646         | BFR104777    | 24524          | 60708         | LMO101561    | 36585     | 72769         | SPA100748    |
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| 12476        | 48660         | BFR104894    | 24538          | 60722         | LMO101615    | 36599     | 72783         | SPA100809    |
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| 12493        | 48677         | BFR10509     | 24555     | 60739         | LMO101689    | 36616     | 72800         | SPA100868    |                |               |              |
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| 12495        | 48679         | BFR105147    | 24557     | 60741         | LMO101698    | 36618     | 72802         | SPA100886    |                |               |              |
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| 12497        | 48681         | BFR105168    | 24559     | 60743         | LMO101711    | 36620     | 72804         | SPA100901    |                |               |              |
| 12498        | 48682         | BFR10520     | 24560     | 60744         | LMO101712    | 36621     | 72805         | SPA100903    |                |               |              |
| 12499        | 48683         | BFR10521     | 24561     | 60745         | LMO101722    | 36622     | 72806         | SPA100907    |                |               |              |
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| 12513        | 48697         | BFR10553     | 24575     | 60759         | LMO101766    | 36636     | 72820         | SPA100958    |                |               |              |
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| 12602        | 48786         | BFR10923     | 24664     | 60848         | LMO102173    | 36725     | 72909         | SPA101314    |                |               |              |
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| 12622        | 48806         | BFR11172     | 24684     | 60868         | LMO102246    | 36745     | 72929         | SPA101434    |                |               |              |
| 12623        | 48807         | BFR11177     | 24685     | 60869         | LMO102252    | 36746     | 72930         | SPA101441    |                |               |              |
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| 14609     | 50793         | BPT100037    | 26671     | 62855         | MBV105902    | 38732     | 74916         | STM100573    |
| 14610     | 50794         | BPT100038    | 26672     | 62856         | MBV105903    | 38733     | 74917         | STM100577    |
| 14611     | 50795         | BPT100041    | 26673     | 62857         | MBV105909    | 38734     | 74918         | STM100579    |
| 14612     | 50796         | BPT100043    | 26674     | 62858         | MBV105923    | 38735     | 74919         | STM100595    |
| 14613     | 50797         | BPT100044    | 26675     | 62859         | MBV106082    | 38736     | 74920         | STM100598    |
| 14614     | 50798         | BPT100046    | 26676     | 62860         | MBV106113    | 38737     | 74921         | STM100599    |
| 14615     | 50799         | BPT100048    | 26677     | 62861         | MBV106116    | 38738     | 74922         | STM100605    |
| 14616     | 50800         | BPT100050    | 26678     | 62862         | MBV106174    | 38739     | 74923         | STM100616    |
| 14617     | 50801         | BPT100051    | 26679     | 62863         | MBV106184    | 38740     | 74924         | STM100618    |
| 14618     | 50802         | BPT100055    | 26680     | 62864         | MBV106185    | 38741     | 74925         | STM100624    |
| 14619     | 50803         | BPT100056    | 26681     | 62865         | MBV106196    | 38742     | 74926         | STM100644    |
| 14620     | 50804         | BPT100078    | 26682     | 62866         | MBV106198    | 38743     | 74927         | STM100645    |
| 14621     | 50805         | BPT100080    | 26683     | 62867         | MBV106229    | 38744     | 74928         | STM100647    |
| 14622     | 50806         | BPT100083    | 26684     | 62868         | MBV106232    | 38745     | 74929         | STM100648    |
| 14623     | 50807         | BPT100086    | 26685     | 62869         | MBV106246    | 38746     | 74930         | STM100668    |
| 14624     | 50808         | BPT100089    | 26686     | 62870         | MBV106247    | 38747     | 74931         | STM100673    |
| 14625     | 50809         | BPT100094    | 26687     | 62871         | MBV106260    | 38748     | 74932         | STM100679    |

| DNA SeqID | Protein SeqID | Gene LocusID | DNA SeqID | Protein SeqID | Gene LocusID | DNA SeqID | Protein SeqID | Gene LocusID |
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| 14627     | 50811         | BPT100114    | 26689     | 62873         | MBV106263    | 38750     | 74934         | STM100744    |
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| 14629     | 50813         | BPT100120    | 26691     | 62875         | MCA100009    | 38752     | 74936         | STM100785    |
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| 14631     | 50815         | BPT100124    | 26693     | 62877         | MCA100019    | 38754     | 74938         | STM100818    |
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| 14634     | 50818         | BPT100139    | 26696     | 62880         | MCA100043    | 38757     | 74941         | STM100858    |
| 14635     | 50819         | BPT100142    | 26697     | 62881         | MCA100045    | 38758     | 74942         | STM100867    |
| 14636     | 50820         | BPT100171    | 26698     | 62882         | MCA100048    | 38759     | 74943         | STM100870    |
| 14637     | 50821         | BPT100181    | 26699     | 62883         | MCA100065    | 38760     | 74944         | STM100872    |
| 14638     | 50822         | BPT100185    | 26700     | 62884         | MCA100073    | 38761     | 74945         | STM100875    |
| 14639     | 50823         | BPT100190    | 26701     | 62885         | MCA100082    | 38762     | 74946         | STM100888    |
| 14640     | 50824         | BPT100195    | 26702     | 62886         | MCA100084    | 38763     | 74947         | STM100894    |
| 14641     | 50825         | BPT100197    | 26703     | 62887         | MCA100086    | 38764     | 74948         | STM100906    |
| 14642     | 50826         | BPT100200    | 26704     | 62888         | MCA100095    | 38765     | 74949         | STM100915    |
| 14643     | 50827         | BPT100204    | 26705     | 62889         | MCA100098    | 38766     | 74950         | STM100930    |
| 14644     | 50828         | BPT100209    | 26706     | 62890         | MCA100105    | 38767     | 74951         | STM100933    |
| 14645     | 50829         | BPT100211    | 26707     | 62891         | MCA100109    | 38768     | 74952         | STM100940    |
| 14646     | 50830         | BPT100212    | 26708     | 62892         | MCA100120    | 38769     | 74953         | STM100965    |
| 14647     | 50831         | BPT100219    | 26709     | 62893         | MCA100121    | 38770     | 74954         | STM100985    |
| 14648     | 50832         | BPT100226    | 26710     | 62894         | MCA100127    | 38771     | 74955         | STM100987    |
| 14649     | 50833         | BPT100242    | 26711     | 62895         | MCA100137    | 38772     | 74956         | STM100988    |
| 14650     | 50834         | BPT100243    | 26712     | 62896         | MCA100140    | 38773     | 74957         | STM101000    |
| 14651     | 50835         | BPT100246    | 26713     | 62897         | MCA100141    | 38774     | 74958         | STM101003    |
| 14652     | 50836         | BPT100248    | 26714     | 62898         | MCA100147    | 38775     | 74959         | STM101004    |
| 14653     | 50837         | BPT100250    | 26715     | 62899         | MCA100153    | 38776     | 74960         | STM101008    |
| 14654     | 50838         | BPT100252    | 26716     | 62900         | MCA100154    | 38777     | 74961         | STM101010    |
| 14655     | 50839         | BPT100256    | 26717     | 62901         | MCA100155    | 38778     | 74962         | STM101011    |
| 14656     | 50840         | BPT100257    | 26718     | 62902         | MCA100157    | 38779     | 74963         | STM101019    |
| 14657     | 50841         | BPT100260    | 26719     | 62903         | MCA100158    | 38780     | 74964         | STM101022    |
| 14658     | 50842         | BPT100261    | 26720     | 62904         | MCA100159    | 38781     | 74965         | STM101036    |
| 14659     | 50843         | BPT100264    | 26721     | 62905         | MCA100160    | 38782     | 74966         | STM101037    |
| 14660     | 50844         | BPT100275    | 26722     | 62906         | MCA100162    | 38783     | 74967         | STM101038    |
| 14661     | 50845         | BPT100276    | 26723     | 62907         | MCA100181    | 38784     | 74968         | STM101058    |
| 14662     | 50846         | BPT100278    | 26724     | 62908         | MCA100182    | 38785     | 74969         | STM101083    |
| 14663     | 50847         | BPT100284    | 26725     | 62909         | MCA100190    | 38786     | 74970         | STM101084    |
| 14664     | 50848         | BPT100285    | 26726     | 62910         | MCA100196    | 38787     | 74971         | STM101087    |
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| 14667     | 50851         | BPT100292    | 26729     | 62913         | MCA100203    | 38790     | 74974         | STM101106    |
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| 14669     | 50853         | BPT100299    | 26731     | 62915         | MCA100219    | 38792     | 74976         | STM101124    |
| 14670     | 50854         | BPT100319    | 26732     | 62916         | MCA100220    | 38793     | 74977         | STM101128    |
| 14671     | 50855         | BPT100336    | 26733     | 62917         | MCA100223    | 38794     | 74978         | STM101130    |
| 14672     | 50856         | BPT100337    | 26734     | 62918         | MCA100227    | 38795     | 74979         | STM101142    |
| 14673     | 50857         | BPT100358    | 26735     | 62919         | MCA100230    | 38796     | 74980         | STM101187    |
| 14674     | 50858         | BPT100362    | 26736     | 62920         | MCA100231    | 38797     | 74981         | STM101198    |
| 14675     | 50859         | BPT100366    | 26737     | 62921         | MCA100232    | 38798     | 74982         | STM101233    |
| 14676     | 50860         | BPT100372    | 26738     | 62922         | MCA100242    | 38799     | 74983         | STM101235    |
| 14677     | 50861         | BPT100384    | 26739     | 62923         | MCA100248    | 38800     | 74984         | STM101237    |
| 14678     | 50862         | BPT100393    | 26740     | 62924         | MCA100249    | 38801     | 74985         | STM101254    |
| 14679     | 50863         | BPT100396    | 26741     | 62925         | MCA100250    | 38802     | 74986         | STM101260    |
| 14680     | 50864         | BPT100398    | 26742     | 62926         | MCA100251    | 38803     | 74987         | STM101264    |